#### Three-phase commoning link, for 5 PKZ0

Part no. B3.0/5-PKZ0
Article no. 232290
Catalog No. XTPAXCLKA5



**Delivery program** 

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Product range		Accessories
Accessories		Three-phase commoning link
		Protected against accidental contact, short-circuit proof, $U_e$ = 690 V, $I_u$ = 63 A Can be extended by rotating by installation For PKZM0 or PKE without side mounted auxiliary contacts or shunt releases
For use with		Three-phase commoning link PKZ0, PKE
Circuit-breaker	Numi	per 5
Length	mm	225
Unit width	mm	45
Notes		

## **Technical data**Main conducting paths

Rated impulse withstand voltage

Overvoltage category/pollution degree

Rated operational voltage

Ue

V AC
6000

III/3

Rated operational voltage

Ue
V AC
690

Rated uninterrupted current

Iu
A
63

**Design verification as per IEC/EN 61439** 

For parallel power feed to several motor-protective circuit-breakers on terminals 1, 3, 5

esign verification as per IEC/EN 61439			
echnical data for design verification			
Rated operational current for specified heat dissipation	In	Α	63
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	2.5
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	7.5
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	P <sub>diss</sub>	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55
C/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects $$			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.

10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

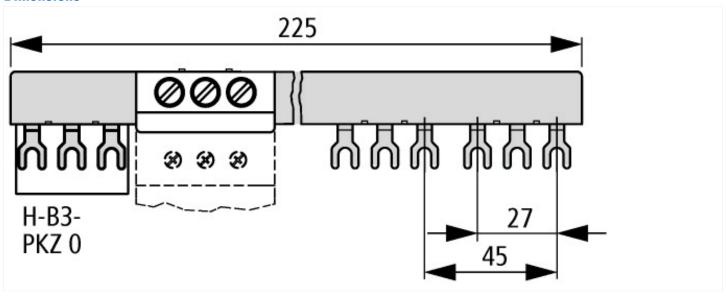
#### **Technical data ETIM 6.0**

Electric engineering, automation, process control engineering / Low-voltage switchinology / Component for low-voltage switching technology / Phase busbar (ecl@ss8.1-27-37-13-06 ACN992008))  Number of phases Number of poles Suitable for number of devices Pitch dimensions Pitch dimensions Imma 45 Cross section Imma 25 Suitable for modular spacings Rated permanent current lu Impa 25 Rated permanent current lu Impa 26 Rated permanent current lu Impa 27 Impa 27 Impa 28 Impa 29 Impa 29 Impa 20 I	Law voltage industrial companents (EC000017) / Phase hugher (EC000015)				
ACN992008 ) Number of phases Number of poles Suitable for number of devices Pitch dimensions mm 45 Cross section mm² 0 Length Length Number of modular spacings Number of modular spaci	Low-voltage industrial components (EG000017) / Phase busbar (EC000215)				
Number of poles Suitable for number of devices Suitable for devices Suitable for devices Suitable for devices with N-busbar  Suitable for devices w	Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Phase busbar (ecl@ss8.1-27-37-13-06 [ACN992008])				
Suitable for number of devices  Fitch dimensions  mm 45  Cross section  mm² 0  Length  mm 225  Number of modular spacings  Rated permanent current lu  Rated permanent current lu  Fork  Rated surge voltage  Conditioned rated short-circuit current lq  MAX. rated operation voltage Ue  Rated short-time withstand current lcw  Suitable for devices with N-busbar	Number of phases			3	
Pitch dimensions mm 45 Cross section mm² 0 Length mm² 225 Number of modular spacings 0 Rated permanent current lu Fork Insulated Gross section Fork Insulated Gross section Fork Insulated Short-circuit current lq KA 0 Max. rated operation voltage Ue KA 0 Rated short-time withstand current lcw Suitable for devices with N-busbar No beat and short-circuit current lcw Suitable for devices with N-busbar No beat and short-circuit current lcw Suitable for devices with N-busbar No beat and short-circuit current lcw Suitable for devices with N-busbar No beat and short-circuit current lcw Suitable for devices with N-busbar No beat and short-circuit current lcw Suitable for devices with N-busbar No beat A constitution of the con	Number of poles			3	
Cross section mm² 0 Length mm 225 Number of modular spacings 0 Rated permanent current lu A 63 Type of electric connection Yes Insulated Number of modular spacings 0 Rated surge voltage VkV 6 Conditioned rated short-circuit current Iq KA 0 Max. rated operation voltage Ue V 690 Rated short-time withstand current Icw KA 0 Sustable for devices with N-busbar No	Suitable for number of devices			5	
Length Number of modular spacings Number of modular spacings Rated permanent current lu Rated permanent current lu Rated permanent current lu Roye of electric connection	Pitch dimensions		mm	45	
Number of modular spacings  Rated permanent current lu  A 63  Type of electric connection  Insulated  Rated surge voltage  Routed surge voltage  Conditioned rated short-circuit current Iq  Max. rated operation voltage Ue  Routed short-time withstand current Icw  KA 0  Routed short-time withstand current Icw  KA 0  Routed short-time withstand current Icw  KA 0  Routed short-time with N-busbar  No	Cross section		mm²	0	
A 63  Type of electric connection Fork  Insulated National Surge voltage Rated short-circuit current Iq KA 0  Max. rated operation voltage Ue V 690  Rated short-time withstand current Icw KA 0  Suitable for devices with N-busbar No	Length		mm	225	
Fork Insulated Rated surge voltage Rough operation voltage Ue Rough of electric connection  KV  Fork Yes  Rough of electric connection  KV  Fork  Yes  Rough of electric connection  KV  Fork  Yes  Rough of electric connection  KV  Fork  Yes  Rough of electric connection  KV  Fork  Yes  Rough of electric connection  KV  Fork  Yes  Rough of electric connection  KV  Fork  Yes  Rough of electric connection  KV  Fork  Yes  Rough of electric connection  KV  Fork  Yes  Rough of electric connection  No	Number of modular spacings			0	
Insulated  Yes  Rated surge voltage  kV 6  Conditioned rated short-circuit current Iq  kA 0  Max. rated operation voltage Ue  Rated short-time withstand current lcw  kA 0  Suitable for devices with N-busbar  No	Rated permanent current lu		Α	63	
Rated surge voltage kV 6 Conditioned rated short-circuit current Iq kA 0  Max. rated operation voltage Ue V 690 Rated short-time withstand current Icw kA 0 Suitable for devices with N-busbar No	Type of electric connection			Fork	
Conditioned rated short-circuit current Iq	Insulated			Yes	
Max. rated operation voltage Ue V 690 Rated short-time withstand current lcw kA 0 Suitable for devices with N-busbar No	Rated surge voltage		kV	6	
Rated short-time withstand current Icw kA 0 Suitable for devices with N-busbar No	Conditioned rated short-circuit current Iq		kA	0	
Suitable for devices with N-busbar No	Max. rated operation voltage Ue		V	690	
	Rated short-time withstand current lcw		kA	0	
Suitable for devices with auxiliary switch No	Suitable for devices with N-busbar			No	
	Suitable for devices with auxiliary switch			No	

### **Approvals**

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Product Standards	UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking
UL File No.	E36332
UL Category Control No.	NLRV
CSA File No.	98494
CSA Class No.	3211-06
North America Certification	UL listed, CSA certified
Specially designed for North America	No

#### **Dimensions**



# Additional product information (links) Motor starters and "Special Purpose Ratings" for the North American market Busbar Component Adapters for modern Industrial control panels http://www.moeller.net/binary/ver\_techpapers/ver960en.pdf